

ABSTRACT OF THE DISCLOSURE

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PARTICLE CASSETTE, METHOD AND KIT THEREFOR

A particle cassette for a needleless syringe is provided, the manufacture of which avoids the potentially detrimental use of heat when affixing a final membrane to the cassette or otherwise sealing the cassette after a filling procedure has been carried out. The particle cassette is assembled using first and second cassette parts that are attachable together so as to create a chamber for the confinement of particles between two membranes. A third cassette part may be used to provide for a locking attachment of the first and second parts. A kit of parts for use in the manufacture of a particle cassette is also provided, as is a method of assembling a particle cassette. In certain cassette embodiments, one or both of the first and second cassette parts can be annular, tapered and/or have detents or recesses to provide for a snap fit.